

WHAT IS CLAIMED IS:

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1. A method for optically recording
information in a system comprising a recording and
reading device that includes a strategy part for
conducting a strategy when optically recording
10 information and an information processing apparatus
that includes a strategy information storing part
storing the strategy information for operating said
strategy part, said method comprising the steps of:

(a) reading said strategy information for
15 operating said strategy part of said recording and
reading device from said strategy information storing
part of said information processing apparatus; and

(b) transmitting said strategy information
read in said step (a) to said recording and reading
20 device.

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2. The method as claimed in claim 1, further

comprising the steps of:

(c) storing said strategy information
corresponding to device information of said recording
and reading device and medium information of an optical
5 recording medium to said strategy information storing
part;

(d) transmitting the device information and
the medium information from said recording and reading
device to said information processing apparatus;

10 (e) reading said strategy information
corresponding to said device information and medium
information from said strategy information storing
part in said information processing apparatus; and

(f) transmitting said strategy information
15 with said medium information to said recording and
reading device.

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3. The method as claimed in claim 2, further
comprising the steps of:

(g) storing standard strategy information
to said strategy storing part;

25 (h) reading said standard strategy

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information and transfer said standard strategy
information to said recording and reading apparatus
when the strategy information corresponding the device
information and the medium information transmitted
5 from said recording and reading device is not stored
in said strategy information storing part.

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4. The method as claimed in claim 2, wherein
said medium information is read and obtained from the
optical recording medium.

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5. The method as claimed in claim 2, wherein
said step (h) cancels transmitting said device
20 information and said medium information to said
information processing apparatus when said medium
information additionally provided to said strategy
information stored in said strategy part corresponds
to said medium information of said optical recording
25 medium, and activates said strategy part to record to

the optical recording medium.

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6. The method as claimed in claim 1, wherein a plurality of data sets of the strategy information are stored in said strategy part.

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7. The method as claimed in claim 6, wherein said step (b) transmitting said strategy information is conducted just before starting recording information to said optical recording medium.

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8. The method as claimed in claim 6, further comprising the steps of:

(i) storing registration information in addition to said device information and said medium information to said strategy information storing part;

(j) transmitting said registration
information additionally provided to said medium
information to said recording and reading device and
storing said medium information with said registration
5 information to said strategy part, when said strategy
information is transmitted from said information
processing apparatus to said recording and reading
device;

(k) determining said strategy information,
10 which is stored in said strategy part, to be deleted
based on said registration information stored said
strategy part and deleting determined strategy
information, when said strategy information
transmitted from said information processing apparatus
15 can not be stored because of a shortage of a recording
capacity of said strategy: and

(l) storing said strategy information
transmitted from said information processing
apparatus.

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9. The method as claimed in claim 8,
25 wherein:

said step (i) stores a registered date when said strategy information is registered, as said registration information to said strategy information storing part; and

5 said step (k) deletes said strategy information showing an oldest registered date from said strategy part.

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10. The method as claimed in claim 8, wherein said step (k) weights said registration information and deletes said strategy information
15 based on a weight from said strategy part.

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11. The method as claimed in claim 8, further comprising the step of (m) storing a use number showing how many times the strategy information is used each time said strategy information stored in said strategy part is used when information is recorded to
25 the optical recording medium, wherein said step (k)

determines the strategy information to be deleted based on said registration information and said use number when said strategy information is deleted.

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12. A computer-readable recording medium recorded with program code for causing a computer to optically record information in a system comprising a recording and reading device that includes a strategy part for conducting a strategy when optically recording information and an information processing apparatus that includes a strategy information storing part storing the strategy information for operating said strategy part, said program comprising the codes for:

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus; and

(b) transmitting said strategy information read by said code (a) to said recording and reading device.

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13. The computer-readable recording
medium claimed in claim 12, further comprising the codes
5 for:

(d) transmitting the device information and
the medium information from said recording and reading
device to said information processing apparatus;

(e) reading said strategy information;
10 corresponding to said device information and medium
information from said strategy information storing
part in said information processing apparatus; and

(f) transmitting said strategy information
with said medium information to said recording and
15 reading device.

20 14. The computer-readable recording
medium claimed in claim 13, further comprising the codes
for (h) reading said standard strategy information and
transfer said standard strategy information to said
recording and reading apparatus when the strategy
25 information corresponding the device information and

the medium information transmitted from said recording and reading device is not stored in said strategy information storing part.

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15. The computer-readable recording medium claimed in claim 13, wherein said medium
10 information is read and obtained from the optical recording medium.

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16. The computer-readable recording medium claimed in claim 13, wherein said code (h) cancels transmitting said device information and said medium information to said information processing
20 apparatus when said medium information additionally provided to said strategy information stored in said strategy part corresponds to said medium information of said optical recording medium, and activates said strategy part to record to the optical recording medium.

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17. The computer-readable recording
5 medium claimed in claim 16, further comprising the codes
of:

(j) transmitting said registration
information additionally provided to said medium
information to said recording and reading device and
10 storing said medium information with said registration
information to said strategy part, when said strategy
information is transmitted from said information
processing apparatus to said recording and reading
device;

15 (k) determining said strategy information,
which is stored in said strategy part, to be deleted
based on said registration information stored said
strategy part and deleting determined strategy
information, when said strategy information
20 transmitted from said information processing apparatus
can not be stored because of a shortage of a recording
capacity of said strategy: and

(l) storing said strategy information
transmitted from said information processing
25 apparatus.

5 18. The computer-readable recording
medium claimed in claim 17, wherein:

 said code (i) stores a registered date when
said strategy information is registered, as said
registration information to said strategy information
10 storing part; and

 said code (k) deletes said strategy
information showing an oldest registered date from said
strategy part.

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 19. The computer-readable recording
medium claimed in claim 17, wherein said code (k)
20 weights said registration information and deletes said
strategy information based on a weight from said
strategy part.

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20. The computer-readable recording medium claimed in claim 18, further comprising the code of (m) storing a use number showing how many times the
5 strategy information is used each time said strategy information stored in said strategy part is used when information is recorded to the optical recording medium, wherein said code (k) determines the strategy
information to be deleted based on said registration
10 information and said use number when said strategy information is deleted.

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